

Table 1. Incidence rates ¹ of nonfatal occupational injuries and illnesses by selected industries and case types, 2005

Michigan

Industry ²	NAICS code ³	2005 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
All industries including State and local government⁶		4,223.9	5.6	2.7	1.3	1.4	2.9
Private industry⁶		3,645.3	5.3	2.7	1.2	1.4	2.6
Goods producing⁶		898.1	8.0	4.2	1.8	2.4	3.7
Natural resources and mining^{6,7}		26.8	5.1	2.1	1.5	0.5	3.0
Agriculture, forestry, fishing and hunting⁶	11	20.2	5.7	2.3	1.7	0.6	3.4
Crop production ⁶	111	12.7	3.5	1.8	1.3	0.5	1.7
Animal production ⁶	112	3.2	--	5.4	4.4	--	--
Mining⁷	21	6.7	3.1	1.2	0.9	0.3	1.9
Construction		188.7	6.0	2.9	2.2	0.7	3.1
Construction	23	188.7	6.0	2.9	2.2	0.7	3.1
Construction of buildings	236	45.2	4.0	1.9	--	0.4	2.1
Heavy and civil engineering construction	237	18.4	7.2	5.3	3.8	1.5	2.0
Specialty trade contractors	238	125.0	6.5	2.9	2.1	0.7	3.6
Manufacturing		682.6	8.6	4.6	1.7	2.9	3.9
Manufacturing	31-33	682.6	8.6	4.6	1.7	2.9	3.9
Food manufacturing	311	32.8	7.6	4.4	1.7	2.6	3.2
Beverage and tobacco product manufacturing	312	4.6	13.5	8.9	3.2	5.7	4.6
Textile product mills	314	2.4	2.3	1.1	0.7	(¹¹)	1.2
Wood product manufacturing	321	11.4	8.8	5.0	3.0	2.0	3.8
Paper manufacturing	322	14.8	7.1	4.5	2.8	1.7	2.6
Printing and related support activities	323	18.0	4.2	2.6	1.3	1.3	1.6

See footnotes at end of table.

Table 1. Incidence rates ¹ of nonfatal occupational injuries and illnesses by selected industries and case types, 2005 -- Continued

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Petroleum and coal products manufacturing	324	1.5	6.7	1.8	--	--	4.9
Chemical manufacturing	325	29.4	3.3	2.0	0.8	1.1	1.4
Plastics and rubber products manufacturing	326	42.8	10.6	5.7	1.4	4.3	5.0
Nonmetallic mineral product manufacturing	327	16.3	8.9	5.3	2.1	3.2	3.6
Primary metal manufacturing	331	27.1	8.2	3.7	1.1	2.6	--
Fabricated metal product manufacturing	332	84.1	9.7	5.3	2.6	2.7	4.4
Machinery manufacturing	333	75.4	8.1	3.8	1.6	2.1	4.3
Computer and electronic product manufacturing	334	19.9	2.6	1.5	0.4	1.1	1.1
Electrical equipment, appliance, and component manufacturing	335	13.8	3.7	2.1	0.8	1.4	1.5
Transportation equipment manufacturing	336	242.2	10.3	5.7	1.8	3.9	4.5
Furniture and related product manufacturing	337	25.7	7.3	3.2	1.0	2.2	4.1
Miscellaneous manufacturing	339	17.6	5.3	2.3	0.9	1.4	2.9
Service providing		2,747.2	4.2	2.0	1.0	1.0	2.2
Trade, transportation, and utilities⁹		798.5	5.2	2.8	1.4	1.5	2.4
Wholesale trade	42	169.4	4.5	2.7	1.4	1.3	1.9
Merchant wholesalers, durable goods	423	95.9	3.3	1.2	0.8	0.4	2.1
Merchant wholesalers, nondurable goods	424	49.3	8.3	6.2	2.9	3.2	2.1
Wholesale electronic markets and agents and brokers	425	24.2	2.4	1.8	0.8	--	0.6
Retail trade	44-45	506.6	4.5	2.3	1.0	1.3	2.2
Motor vehicle and parts dealers	441	61.3	3.4	1.7	1.1	0.6	1.7
Furniture and home furnishings stores	442	18.3	5.1	3.0	2.0	1.1	2.1
Electronics and appliance stores	443	17.9	2.8	1.6	0.7	0.9	1.2
Building material and garden equipment and supplies dealers	444	46.1	5.3	1.6	0.8	0.8	3.7
Food and beverage stores	445	85.3	4.7	2.8	0.9	1.8	1.9
Health and personal care stores	446	33.0	2.3	0.9	0.3	0.5	1.4
Gasoline stations	447	25.6	2.7	1.3	0.8	0.5	1.4
Clothing and clothing accessories stores	448	41.4	2.3	0.5	0.3	0.2	1.9
Sporting goods, hobby, book, and music stores	451	24.2	3.1	1.2	0.5	0.7	1.9
General merchandise stores	452	114.6	7.7	4.5	1.5	3.0	3.3
Miscellaneous store retailers	453	29.5	1.9	1.4	1.1	0.3	0.6

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Nonstore retailers	454	9.4	3.6	2.4	1.7	0.7	1.1
Transportation and warehousing⁹	48-49	101.8	9.0	5.2	2.6	2.5	3.8
Air transportation	481	15.2	11.2	7.9	2.8	5.1	3.4
Rail transportation ⁹	482	--	2.4	1.9	1.7	(¹¹)	0.5
Truck transportation	484	37.1	8.4	4.7	3.3	1.4	3.8
Transit and ground passenger transportation	485	4.9	6.8	3.5	2.3	1.2	3.3
Pipeline transportation	486	1.2	11.9	7.4	4.2	3.1	4.5
Scenic and sightseeing transportation	487	0.4	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Support activities for transportation	488	14.3	6.5	4.8	3.3	1.5	1.7
Couriers and messengers	492	12.5	11.9	7.4	1.8	5.5	4.5
Utilities	22	20.7	4.5	2.4	1.4	1.0	2.1
Utilities	221	20.7	4.5	2.4	1.4	1.0	2.1
Information		67.1	2.4	1.4	0.8	0.6	1.0
Information	51	67.1	2.4	1.4	0.8	0.6	1.0
Publishing industries (except Internet)	511	24.7	2.8	1.7	0.6	1.1	1.1
Telecommunications	517	22.1	3.0	1.8	1.4	0.4	1.2
Financial activities		212.8	2.3	1.1	0.6	0.5	1.2
Finance and insurance	52	156.8	1.0	0.3	0.3	0.1	0.7
Monetary authorities - central bank	521	0.3	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Credit intermediation and related activities	522	86.8	0.9	0.4	0.3	--	0.5
Insurance carriers and related activities	524	56.4	1.2	0.4	0.3	0.1	0.9
Real estate and rental and leasing	53	56.0	5.9	3.1	1.5	1.7	2.7
Real estate	531	38.3	5.9	3.1	1.3	1.8	2.8
Rental and leasing services	532	16.8	6.0	3.2	1.8	1.3	2.8

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Lessors of nonfinancial intangible assets (except copyrighted works)	533	0.8	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Professional and business services		589.1	2.0	0.9	0.8	0.2	1.1
Professional, scientific, and technical services	54	246.5	1.5	0.6	0.4	0.2	1.0
Management of companies and enterprises	55	65.6	1.7	0.8	0.6	0.3	0.9
Administrative and support and waste management and remediation services	56	--	--	--	--	--	--
Waste management and remediation services	562	11.5	7.8	4.7	2.9	1.8	3.1
Education and health services		549.4	6.4	2.9	1.2	1.7	3.5
Educational services	61	59.1	1.8	0.4	0.2	0.2	1.4
Educational services	611	59.1	1.8	0.4	0.2	0.2	1.4
Health care and social assistance	62	490.3	6.9	3.2	1.3	1.9	3.7
Ambulatory health care services	621	165.5	2.2	0.8	0.3	0.5	1.4
Hospitals	622	181.1	9.8	3.8	1.6	2.3	6.0
Nursing and residential care facilities	623	88.9	10.2	6.4	2.4	4.0	3.8
Social assistance	624	54.7	6.3	3.0	1.6	1.4	3.3
Leisure and hospitality		401.4	4.8	1.6	0.8	0.8	3.2
Arts, entertainment, and recreation	71	61.0	7.0	3.1	1.6	1.5	3.9
Amusement, gambling, and recreation industries	713	48.1	5.8	2.4	1.6	0.8	3.4
Accommodation and food services	72	340.4	4.3	1.3	0.6	0.7	3.0
Accommodation	721	33.9	9.1	4.1	1.7	2.4	5.0
Food services and drinking places	722	306.5	3.7	1.0	0.5	0.5	2.8
Other services		128.8	3.6	1.7	0.9	0.8	1.9

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Other services, except public administration	81	128.8	3.6	1.7	0.9	0.8	1.9
Repair and maintenance	811	41.2	5.0	2.2	1.2	1.0	2.8
Personal and laundry services	812	40.5	3.7	2.0	0.8	1.2	1.7
Religious, grantmaking, civic, professional, and similar organizations	813	47.1	2.1	1.0	0.8	0.2	1.1
State and local government		578.6	7.8	3.2	2.0	1.2	4.5
State government		137.5	3.9	1.6	1.0	0.7	2.3
Service providing		137.5	3.9	1.6	1.0	0.7	2.3
Education and health services		93.4	4.5	1.7	0.8	0.9	2.8
Educational services	61	69.7	2.7	1.1	0.5	0.5	1.6
Educational services	611	69.7	2.7	1.1	0.5	0.5	1.6
Health care and social assistance	62	23.7	8.9	3.3	1.5	1.8	5.6
Public administration		--	2.9	1.5	1.2	0.3	1.3
Public administration	92	--	2.9	1.5	1.2	0.3	1.3
Justice, public order, and safety activities	922	19.9	3.8	2.0	1.7	0.3	1.8
Administration of economic programs	926	8.0	2.8	1.5	1.1	0.3	1.3
Local government		441.2	9.2	3.8	2.4	1.5	5.4
Goods producing ⁶		5.7	--	8.0	6.6	1.4	--
Construction		--	--	8.0	6.6	1.4	--
Service providing		435.5	9.0	3.7	2.3	1.5	5.3

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Trade, transportation, and utilities⁹		5.5	13.1	6.5	5.3	1.2	6.6
Transportation and warehousing⁹	48-49	4.2	14.7	7.3	6.3	--	7.4
Utilities	22	--	8.8	4.4	2.6	1.8	4.4
Financial activities		0.2	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Education and health services		284.0	9.1	3.2	1.9	1.3	5.9
Educational services	61	262.0	8.8	2.8	1.7	1.1	--
Educational services	611	262.0	8.8	2.8	1.7	1.1	--
Health care and social assistance	62	22.0	11.6	6.6	3.3	3.3	4.9
Hospitals	622	13.6	9.7	4.1	2.5	1.6	5.6
Nursing and residential care facilities	623	6.2	20.6	14.9	6.2	8.7	5.7
Leisure and hospitality		8.9	11.8	8.9	0.6	8.3	3.0
Public administration		131.7	8.7	4.2	3.0	1.2	4.4
Public administration	92	131.7	8.7	4.2	3.0	1.2	4.4

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Executive, legislative, and other general government support	921	119.3	8.8	4.3	3.1	1.3	4.5
Administration of human resource programs	923	7.5	7.5	3.1	1.7	1.4	4.4

¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during the calendar year
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ *North American Industry Classification System* 2002 Edition

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

⁵ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

¹⁰ Incidence rate less than 0.05.

¹¹ Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.